

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	460	(frequency adj2 hopping) and identification adj2 code	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/05/30 16:09
L2	43	(frequency adj2 hopping) same (identification adj2 code)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/05/30 16:14
L3	3	(frequency adj2 hopping adj2 pattern) same (identification adj2 code)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/05/30 16:14
L4	6	("4397018"   "5117421"   "5260988"   "5537434"   "5590174"   "5619553").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/30 16:29
L5	29	("5537434").URPN.	USPAT	AND	OFF	2006/05/30 16:30
S1	2	"20040070490"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 10:08
S2	14	"6177861"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:45
S3	588	(transponder\$2 or tag) and (reflect\$4 adj2 wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/07 16:28
S4	141	S3 and interrogator	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/07 16:29
S5	118	S3 and (frequency adj2 hopping)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 10:08
S6	619	subcarrier adj2 wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 10:08
S7	5	S6 and (frequency adj2 hopping)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 11:09

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S8	11	S6 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 10:16
S9	14	S6 and transponder	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 10:16
S10	2	subcarrier-wave adj2 (modulator or oscillator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 14:15
S11	386810	safe	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 10:37
S12	598	safty	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 10:37
S13	726581	safety	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 10:37
S14	13	("4206462").URPN.	USPAT	AND	OFF	2005/11/08 11:09
S15	141	frequency adj2 hopping adj2 (unit\$2 or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 16:14
S16	2	S15 and (transponder or tag)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 11:10
S17	24	subcarrier adj2 wave adj2 (modulator or oscillator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 11:13
S18	169	frequency adj2 hop\$4 adj2 (unit\$2 or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 14:16
S19	0	subcarrier6 adj2 (modulator or oscillator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 14:15
S20	723	subcarrier\$6 adj2 (modulator or oscillator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 14:15

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S21	1	S18 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 14:17
S22	2	S18 and transponder	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 14:16
S23	0	S18 and reflective adj2 wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 14:17
S24	5	S18 and subcarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 14:17
S25	10	("4914699"   "5166953"   "5235613"   "5259030"   "5471464"   "5793795"   "5812522"   "5822362"   "5867478"   "6215810").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/08 14:57
S26	9	("4653068"   "4680777"   "4726039"   "4748641"   "5175514"   "5225795"   "5446760"   "5499266"   "5610940").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/08 15:02
S27	6909	frequency adj2 hopping	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/08 15:02
S28	1193	S27 and (transponder or tag or rfid)	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/08 15:03
S29	214	S28 and "340"/\$.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/08 15:02
S30	113	S27 and (transponder or tag or rfid) and subcarrier	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/08 16:14
S31	141	frequenc\$4 adj2 hopping adj2 (unit\$2 or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/08 16:14
S32	1	S31 and (transponder or tag or rfid) and subcarrier	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/08 16:14
S33	607	Frequency adj2 hopping and (carrier adj2 wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/10 15:46

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S34	61	S33 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/10 11:44
S35	1224	Frequency adj2 hopping and (transponder or tag or rfid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/10 13:40
S36	144	S33 and (transponder or tag or rfid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/10 13:40
S37	130	Frequency adj2 hopping same (carrier adj2 wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/10 15:58
S38	141	Frequency adj2 hopping adj2 (device or unit\$2 or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/14 11:46
S39	619	(subcarrier adj2 wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/14 11:46
S40	3	S38 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/14 11:45
S41	5	Frequency adj2 hopping and (subcarrier adj2 wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/14 11:48
S42	158	Frequency adj2 hopping and (reflect\$4 adj2 wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/14 11:53
S43	45	S42 and transponder	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/14 11:51
S44	3	transponder same frequency same hopping same subcarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/14 11:52
S45	0	("6842106").URPN.	USPAT	AND	OFF	2005/11/16 12:15

## EAST Search History

S46	29	("20020129246"   "20030018893"   "20030028787"   "20030179078"   "20040049451"   "4075632"   "4352183"   "4360810"   "5521601"   "5530702"   "5550547"   "5649296"   "5757923"   "5777561"   "5850187"   "5883582"   "5940006"   "5986570"   "5995019"   "6091319"   "6130623"   "6177861"   "6236315"   "6265962"   "6307848"   "6317028"   "6323566"   "6366260"   "6726099").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/16 12:16
S47	12	(Frequency adj2 hopping adj2 (device or unit\$2)) same transceiver\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 12:25
S48	9	("5410538"   "5481481"   "5548582"   "5781536"   "5790587"   "5797099"   "6292475"   "6393261"   "6490262").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/16 12:29
S49	7	("4677617"   "5222098"   "5311542"   "5339331"   "5506863"   "5625641"   "5822361").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/16 12:33
S50	9	("5339331").URPN.	USPAT	AND	OFF	2005/11/16 12:35
S51	24	("5166953"   "5287384"   "5339331"   "5377222"   "5386435"   "5408496"   "5430759"   "5499266"   "5546422"   "5583517"   "5619493"   "5625641"   "5737327"   "5793795"   "5859879"   "5875179"   "5930288"   "5991331"   "5999561"   "6023615"   "6058137"   "6188715"   "6208632"   "6298054").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/16 12:57
S52	340	rfid and (frequency adj2 hopping)	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/16 12:57
S53	130	S52 and interrogator	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/16 12:58
S54	46	S53 and subcarrier	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/16 12:58

## EAST Search History

S55	22	(US-20040070490-\$).did. or (US-6950009-\$ or US-6842106-\$ or US-6726099-\$ or US-6658044-\$ or US-6650695-\$ or US-6611224-\$ or US-6531957-\$ or US-6509829-\$ or US-6356230-\$ or US-6298054-\$ or US-6289209-\$ or US-6173004-\$ or US-6104333-\$ or US-6023615-\$ or US-5914671-\$ or US-5822362-\$ or US-5426667-\$ or US-5361071-\$ or US-4804961-\$ or US-4206462-\$). did. or (EP-973117-\$).did.	US-PGPUB; USPAT; DERWENT	AND	OFF	2005/11/16 14:35
S56	7	S55 and (frequency adj2 hopping) and subcarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:41
S57	13	S55 and (frequency adj2 hopping) and reflect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:41
S58	35805	nagai.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:46
S59	0	takuya adj2 nagai.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:47
S60	0	takuya adj2 nagai	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:47
S61	0	takuya adj nagai	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:47
S62	116	nagai adj2 takuya	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:49
S63	0	"340"".10.""1".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:49
S64	814	340/10.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:53

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S65	48	S64 and reflect\$4 and (frequency adj2 hopping)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:53
S66	263	340/10.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:53
S67	14	S66 and reflect\$4 and (frequency adj2 hopping)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 14:53
S68	23	(US-20040070490-\$).did. or (US-6950009-\$ or US-6842106-\$ or US-6726099-\$ or US-6658044-\$ or US-6650695-\$ or US-6611224-\$ or US-6531957-\$ or US-6509829-\$ or US-6356230-\$ or US-6298054-\$ or US-6289209-\$ or US-6265963-\$ or US-6173004-\$ or US-6104333-\$ or US-6023615-\$ or US-5914671-\$ or US-5822362-\$ or US-5426667-\$ or US-5361071-\$ or US-4804961-\$ or US-4206462-\$).did. or (EP-973117-\$).did.	US-PGPUB; USPAT; DERWENT	AND	OFF	2005/11/16 17:10
S69	6	S68 and subcarrier adj2 wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 17:11
S70	18	subcarrier adj2 wave adj2 oscillator	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 17:13
S71	128	subcarrier adj2 wave same oscillator	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 17:13
S72	3	S71 and frequency adj2 hopping	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/16 17:13
S73	15	("4335463"   "4930140"   "4959826"   "5276704"   "5365544"   "5370114"   "5519526"   "5533012"   "5715521"   "5734648"   "5877878"   "5909279"   "5960398"   "5966376"   "6108317").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/11/16 17:16

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S74	23	(US-20040070490-\$).did. or (US-6950009-\$ or US-6842106-\$ or US-6726099-\$ or US-6658044-\$ or US-6650695-\$ or US-6611224-\$ or US-6531957-\$ or US-6509829-\$ or US-6356230-\$ or US-6298054-\$ or US-6289209-\$ or US-6265963-\$ or US-6173004-\$ or US-6104333-\$ or US-6023615-\$ or US-5914671-\$ or US-5822362-\$ or US-5426667-\$ or US-5361071-\$ or US-4804961-\$ or US-4206462-\$).did. or (EP-973117-\$).did.	US-PGPUB; USPAT; DERWENT	AND	OFF	2005/11/17 17:28
S75	3	S74 and hopping adj2 pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/17 18:39
S76	14	S74 and bit	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/17 17:51
S77	12	S74 and symbol	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/11/17 18:39